

JOHN DEERE FARM TRACTOR

BURNS LOW GRADE FUEL

***MORE POWER & LONGER LIFE
LOWER OPERATING COSTS***



***More than a Success
A Real Sensation***

F 1138
750

FOREWORD

WHEN the John Deere Tractor was first put on the market, it met with the immediate approval of farmers everywhere. Its great power, combined with light weight; its extreme simplicity; its ease of handling; its low operating expense, and its low maintenance costs—these advantages made it more than a successful farm tractor—it was a real sensation.

Now, there is even a better John Deere Tractor, the result of a policy to improve constantly John Deere implements so that this name will always stand for the utmost in farm machinery value.

In the John Deere Tractor of today are found valuable improvements which mean three important things to you: more power—longer life—lower up-keep costs.

This booklet has been written so that you may know all about this improved John Deere Tractor, which is a better investment than ever before.

If you are interested in reducing your farm power costs take the time to read the pages that follow.

JOHN DEERE FARM TRACTOR

The John Deere Farm Tractor gives you all of the important features that go towards making power farming practical and profitable.

It has all-around farm adaptability; it has ample power to operate drawbar and belt machines of economical size; it is extremely simple, easy to understand and operate; its fewer but sturdier parts are fully enclosed and operate in oil—built for long life; it is easy to get at all parts and easy to make adjustments or repairs; its operating and maintenance costs are surprisingly low. This tractor carries the John Deere name which means uniformly high quality to all who are familiar with John Deere products.

Has The Farm Adaptability You Need

Adaptability to farm use is one of the important points to consider in selecting your farm tractor.

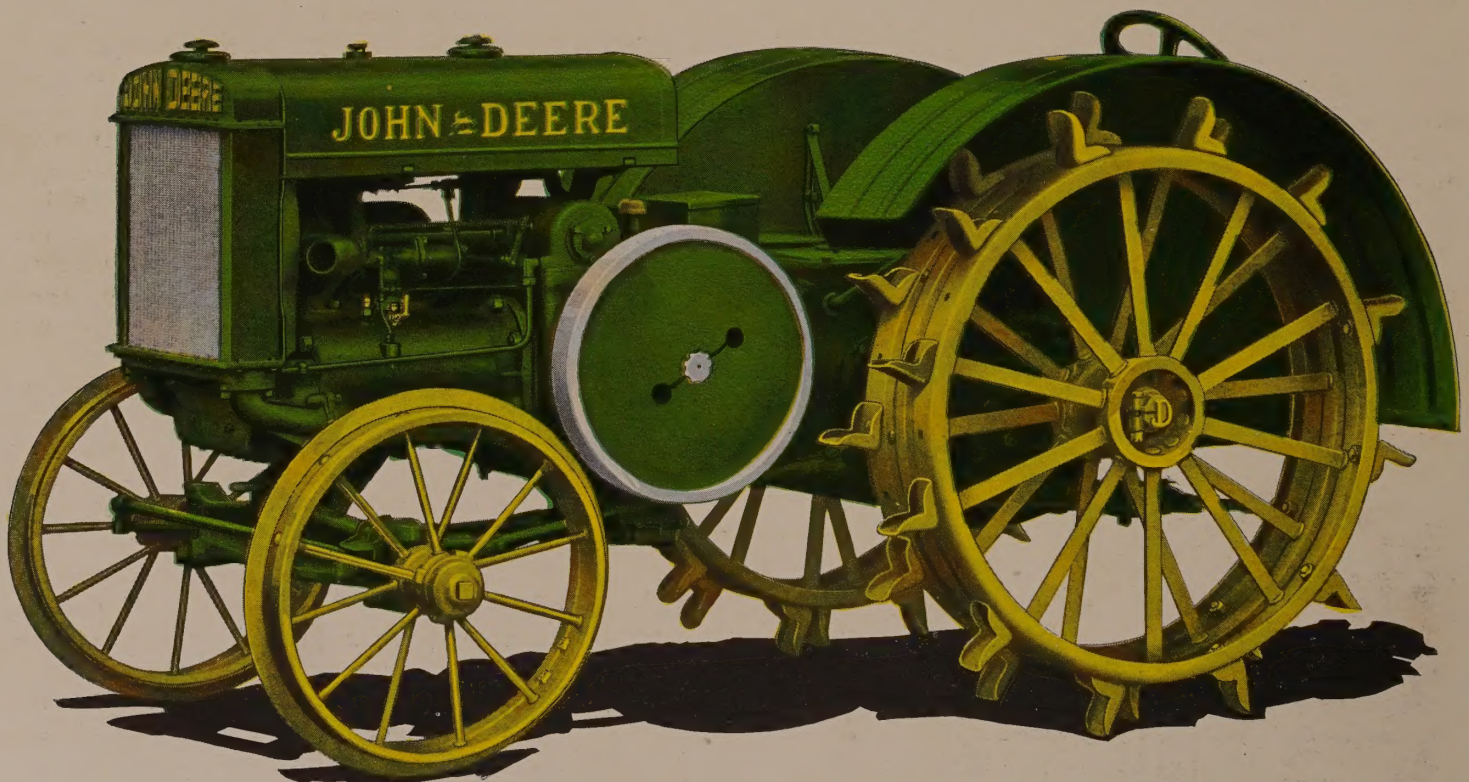
The John Deere is built for all-around farm use.

It is very compact in design—63 inches wide, very little wider than the tread of your wagon; only 56 inches high, about $4\frac{1}{2}$ feet; 109 inches long, $1\frac{1}{2}$ feet shorter than the box on your farm wagon. It has a turning radius of only 12 feet—works well in fields and orchards—can be used effectively in cramped quarters.

Its light weight is a big advantage in working plowed land, wet fields and land that tends to pack.

It is ideally balanced for field work—this, combined with the efficiency of the special spade lugs, insures unusual traction and remarkable ability to climb hills. Its low center of gravity helps to prevent sluing on side hills and eliminates the possibility of upsetting.

The John Deere can be attached to and will operate any standard field machine within its power



DEPENDABLE·ECONOMICAL·DURABLE

HUNDREDS OF POUNDS *LIGHTER*



The John Deere supplies responsive power for threshing.

range; the drawbar has an adjustment of $8\frac{1}{4}$ inches up and down and 34 inches sideways.

The front axle is flexible—either front wheel can rise or lower 24 inches—a big advantage in working rough land, or where irrigation ditches must be crossed.

The low, strong, roomy platform, just a step from the ground, provides plenty of space for the operator to change position for his comfort. The easy riding spring seat is strongly mounted. Wide fenders, wider than before, protect the operator from possible injury and from excessive dust and dirt.

The John Deere is surprisingly easy to steer. All controls are easily handled from the seat.

The operator gets an unobstructed view of the furrow wall ahead from the seat. The belt pulley is ideally located on the right hand side for greatest convenience in lining up the belt and permits the use of a crossed belt.



This shows how easy it is to reach either the depth-regulating lever or the leveling lever on the plow from the seat of the John Deere Tractor. Notice that the platform is only a step from the ground—it's convenient to get on and off the John Deere.

The operation of the John Deere in the field and with belt machinery is so simple and so easy that many farm boys hardly old enough to drive a team are operating John Deere Tractors.

Plenty of Power to Operate Machines of Economical Size

The ability of the John Deere to outdo what is normally expected of a tractor of its size has been an outstanding feature. Now, with more power than before, its performance at the drawbar and on the belt is even more astonishing. Think of a tractor weighing less than 4200 lbs. that will pull three 14" stubble bottoms under difficult conditions and four bottoms under many conditions! This tractor will operate a 28" separator successfully under normal conditions and other power machinery requiring power in proportion.

The John Deere Tractor of today will develop from 5 to 6 H.P. more than the 1927 model.

The great power at the drawbar is due primarily to these important features of design and construction: (1) The power is transmitted from engine to drawbar in a straight line through straight spur gears mounted on roller and ball bearings which are held in permanent alignment in a rigid one piece case—the power is not carried around corners; (2) final drive is through two hardened steel roller chains completely enclosed; (3) all parts are completely en-

HUNDREDS OF PARTS *SIMPLER*

SAVES IN FUEL AND OIL

closed in a dust and dirt proof case and operate in oil.

On the belt maximum power of the engine is transmitted to the pulley. The pulley is mounted directly on the crank shaft. There is no loss of power as a result of driving the pulley through gears.

The increase in power of the present John Deere Tractor as compared with the 1927 model results from increasing the bore of the cylinders and using a new carburetor of improved and more efficient design.

But remember this increase in power has been accomplished without sacrificing its light weight advantages.

This Simplicity Means Much To You

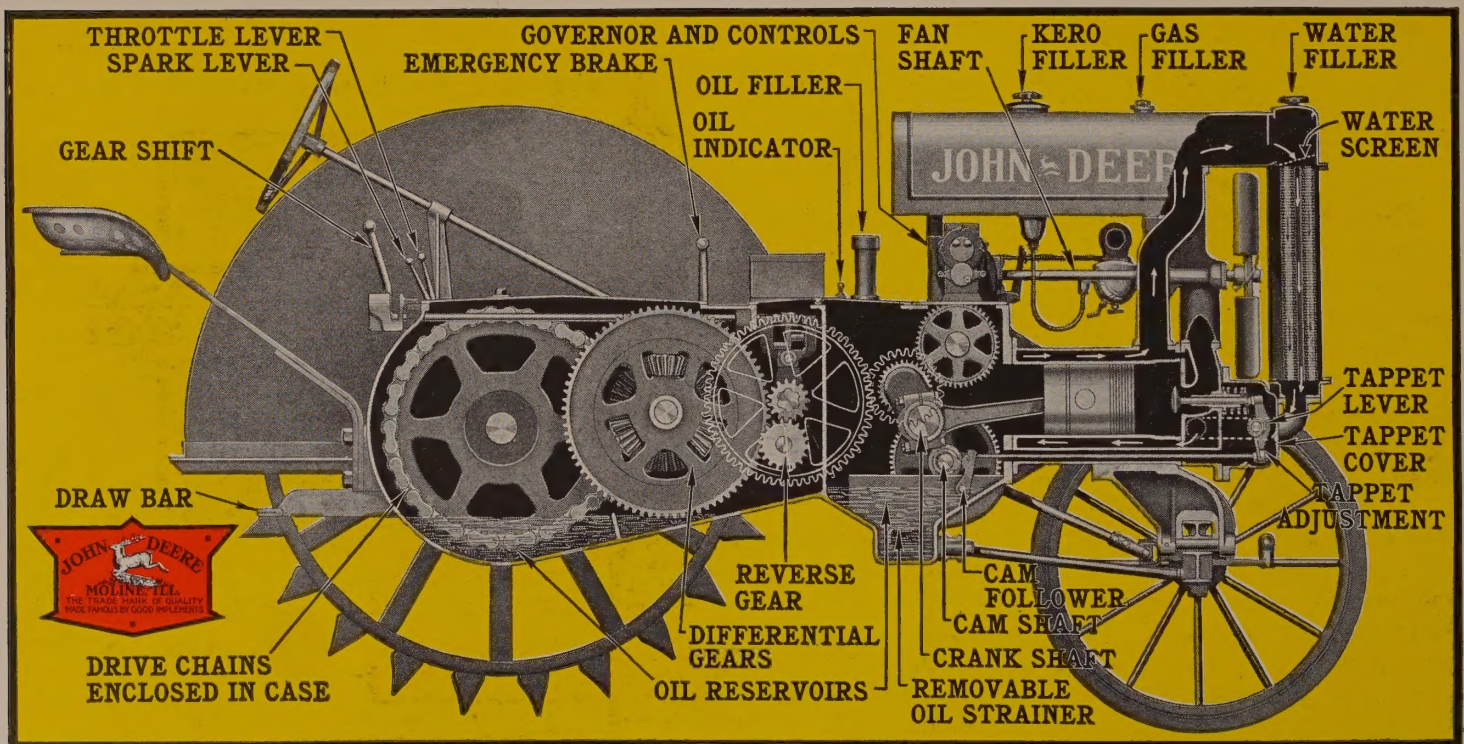
Other things being equal, you know that the simplest machine is the most satisfactory. It is easier to understand, easier to operate and lasts longer. The

John Deere is the tractor of fewer but sturdier parts—hundreds of parts simpler than other tractors of similar rating. This reduction in number of moving parts means a corresponding reduction in the number of points of contact, possible sources of friction, wear and loss of power.

Remember, not only fewer, but sturdier parts (See cross sectional view of tractor on this page.)

Working Parts Fully Enclosed and Oiled Automatically

Here is another important feature that you will be sure to appreciate. Besides providing rigid support for all bearings, shafts and gears, the sturdy one-piece frame with two covers completely encloses the entire working mechanism. It fully protects all parts from dust, sand or other foreign matter.



This cross-section view illustrates how the John Deere is the tractor of fewer and sturdier parts.

SAVES IN UPKEEP COST

WORKING PARTS COMPLETELY ENCLOSED



The John Deere operating a combined harvester near Chico, California.

It supplies a reservoir for automatic lubrication so that all working parts operate in a constant bath of clean oil, scarcely requiring any attention. It promotes unusually long life because of the complete protection and automatic oiling facilities which it affords.

Easy to Get At All Working Parts

You not only want complete enclosure of parts on the tractor you buy, but you want, also, quick access to every part.

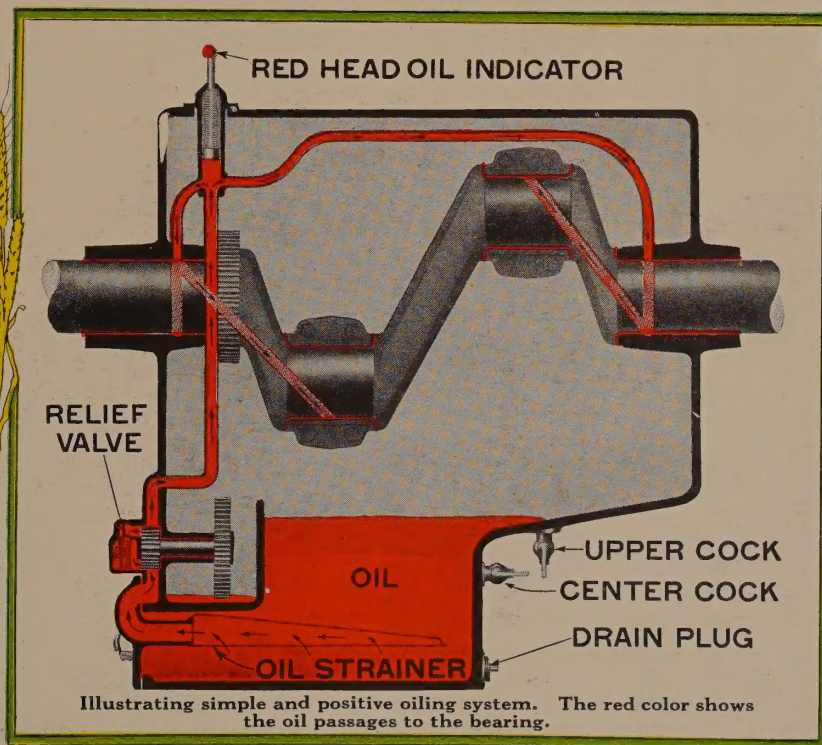
The clutch, brakes, drive chains and taper roller bearings of the John Deere can all be adjusted from the outside of the tractor. Removing three cover plates admits plenty of light and provides large openings to make any required adjustment on the inside. You work in a standing position. And, remember, there is no complicated mechanism inside to mystify you. The adjustments are unusually simple to make. Only ordinary tools are needed; no special mechanical training is required; the man operating the tractor can do it, which saves the cost of hiring a mechanic.

Engine Gives The Power You Want Plus Simplicity and Economy

In the John Deere Tractor, efficiency and simplicity begin with the big, strong, heavy-duty, two-cylinder engine. This engine is the primary reason why the John Deere Tractor gives more economical power, more efficient power and still costs you less money.

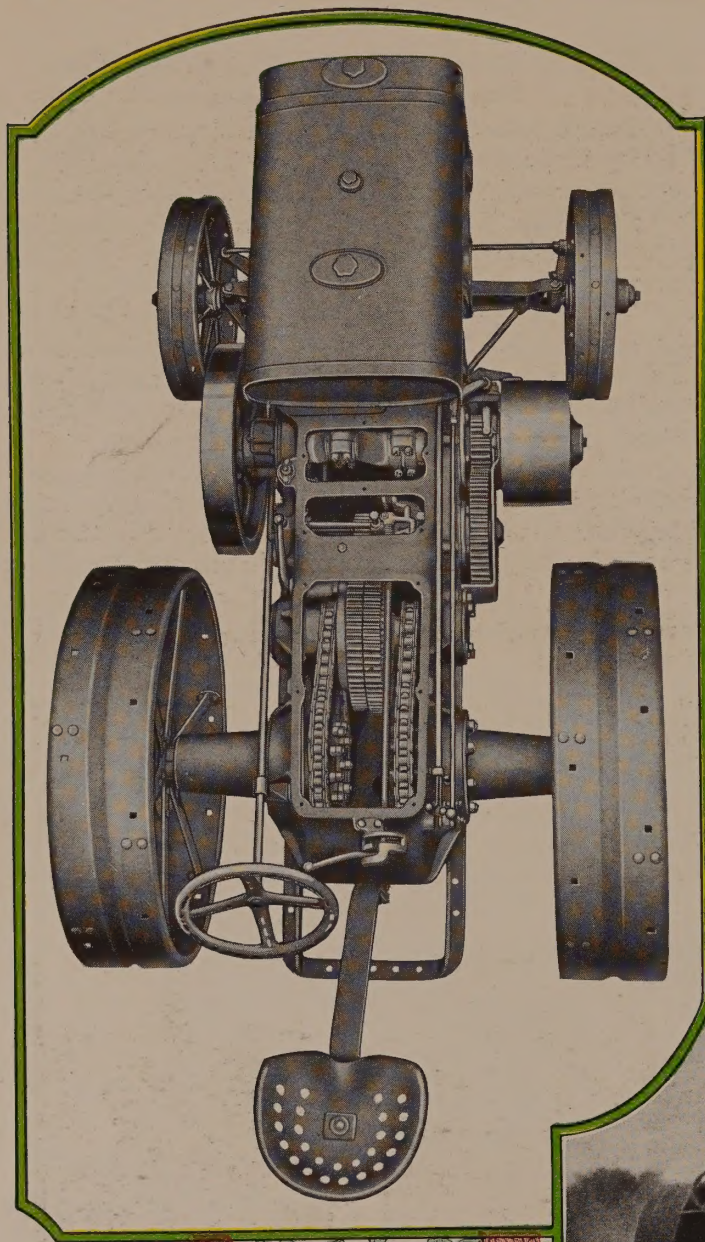
This simple engine meets all of the requirements of balance, flexibility and smooth operation. It is *most economical in burning inexpensive, low-grade fuel*. It is a steady-moving giant in its delivery of an even flow of economical power.

A new carburetor has been added which provides even smoother operation at all speeds and loads requiring very few adjustments and is a factor in the increase in power and the reduction in fuel consumption.



WORKING PARTS AUTOMATICALLY OILED

FEWER BUT STURDIER PARTS



Platform, fenders and crank-case and differential covers removed to show drawbar and axle construction, and inside of one-piece case.

The engine's low speed of 800 R.P.M. minimizes wear and adjustments, and saves repair expense. Low oil consumption is a characteristic built into the design of the engine and its oiling system.

Its 3-inch crankshaft weighs 115 pounds, finished. Besides being unusually heavy, the crankshaft is unusually short—the distance between the main bearings is only $16\frac{1}{2}$ inches. The 5-ring piston is $8\frac{1}{2}$ inches long, with a $1\frac{3}{4}$ inch piston pin. This engine is specially designed to stand the constant strains of day-in and day-out duty on farms.

Simple and Effective Thermo-Siphon Cooling System

The engine is water-cooled by the simple thermo-siphon principle, using a tubular radiator. This provides heat control in the simplest, most effective way. This system does away with fan belt, water pump and hose connections.

Mounting the radiator high above the cylinders induces rapid circulation of water in the same manner that a high chimney gives good draft to a stove or furnace.

The cylinders warm up quickly before water circulation begins, and the right operating heat is constantly maintained independent of the load or atmospheric conditions.



FINEST MATERIALS AND WORKMANSHIP

EASY TO GET AT *WORKING PARTS*

Tubular Radiator Easily Cleaned

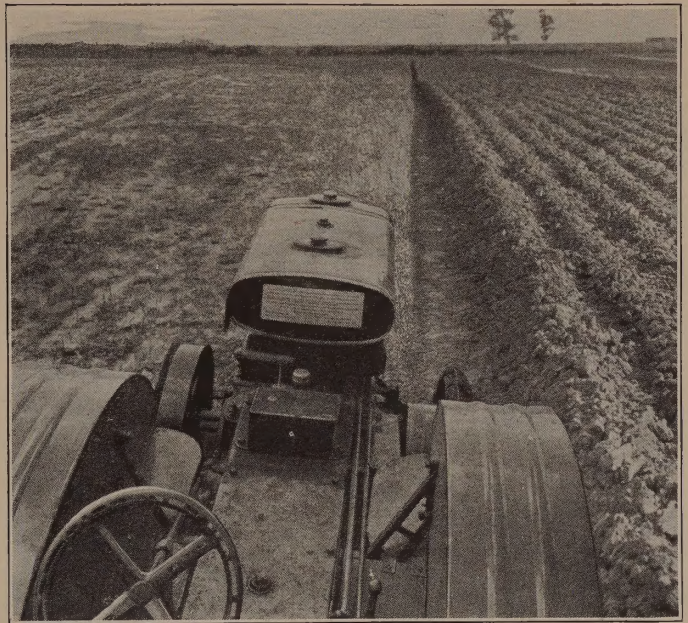
The copper core (of the fin-and-tube type) is supported in a rigid cast-iron frame which forms the upper and lower tanks of the radiator. By taking off the upper tank, the ends of all tubes are exposed for cleaning. In case repairs are necessary, the core can be entirely removed.

Fan is Gear-Driven

Ample cooling of the water is secured by circulating air through the radiator by a positive gear-driven fan. The ball-bearing mountings and gears of the fan shaft are entirely enclosed. A safety friction device in the fan relieves starting or accidental strains.

Positive Automatic Engine Lubrication

A positive-driven, gear-type oil pump forces oil under pressure to the main bearings, through the drilled crankshaft to the connecting-rod bearings and through oil ways in the connecting rods to the wrist or piston pins. Oil thrown from revolving parts effectively lubricates all other parts of the engine. An oil-pressure red-headed indicator located in full view of the operator affords visible assurance of engine lubrication. Both pump and strainer are easily accessible from the outside, and may be removed without disturbing other parts. (See page 5.)



The picture above shows what the operator sees ahead of him from the seat of the John Deere Tractor. Note that the front furrow wheel and furrow side wall are visible. It is easy to keep the John Deere up to its work at all times.

There are only seven grease cups; only the magneto and front fan bearing require hand-oiling. The rest of this vital system is automatic and works



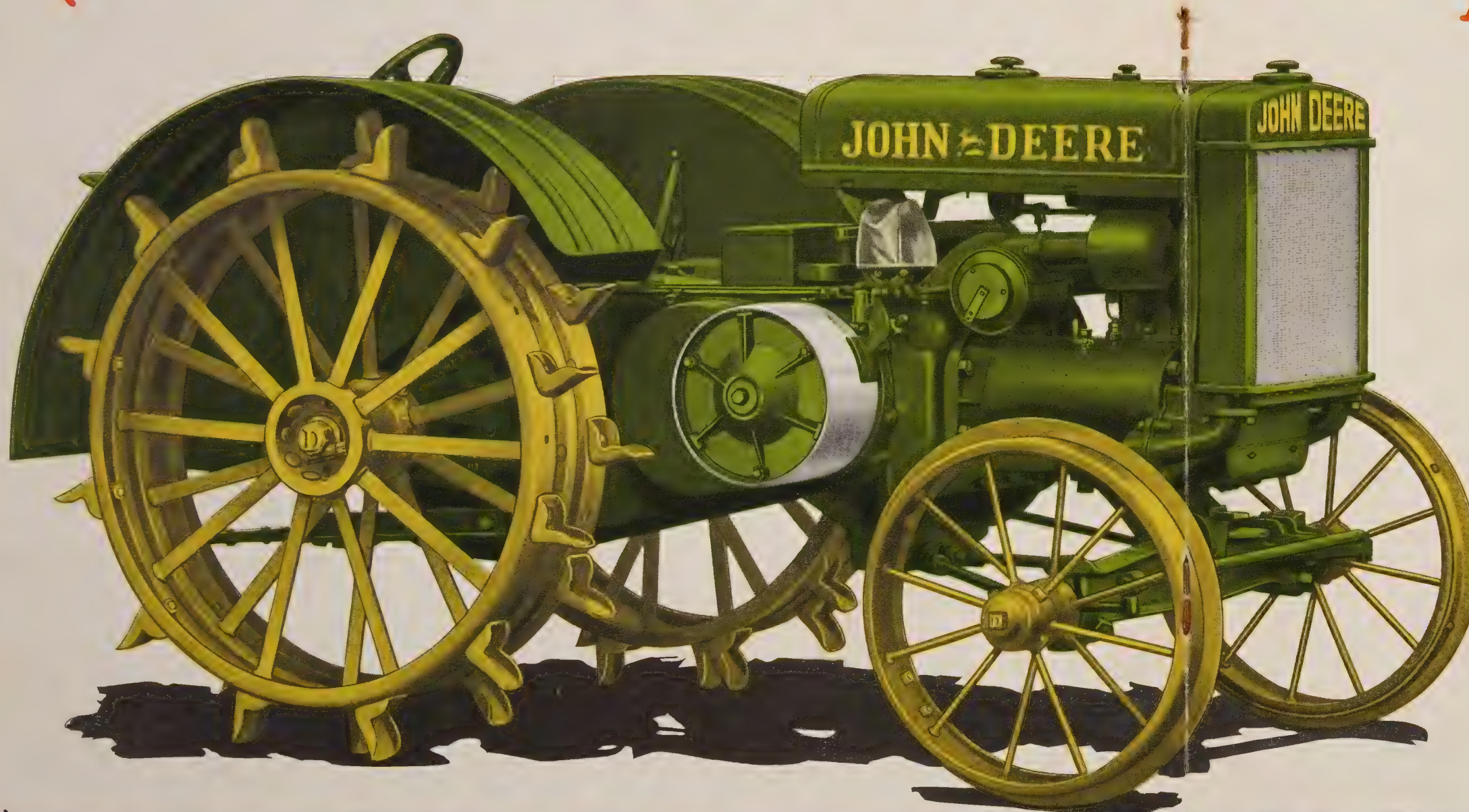
Battery of John Deere Tractors owned by the Peru Canning Company, Peru, Ind. They use seven John Deeres.

SIMPLE ADJUSTMENTS *EASY TO MAKE*



Now the famous John Deere Tractor Offers You **STILL GREATER VALUE**

*More Power • Longer Life
Lower Operating Costs*



THE John Deere Tractor of today is a better investment than ever before.

It has more power to do more work in the field and at the belt. The bore of the cylinders has been increased and a new, more efficient, carburetor is used, which gives the present tractor from 5 to 6 H. P. more than the 1927 model with the surplus of power of which you are already familiar.

This improved tractor will pull three 14" stubble bottoms under difficult conditions, and four stubble bottoms under many conditions. It will successfully operate a 28" separator under normal conditions, and other drawbar and belt machinery requiring power in proportion.

Its well known strength and durability have been increased by the use of heat treated and hardened, forged steel gears, a heavier crankshaft, heat treated rear axles and strong rear wheels containing 20 instead of 12 spokes.

Wider fenders give added protection to the operator. Longer lugs built of improved material last longer and give the drive wheels a more powerful grip on the soil.

Many of the improvements so important in making the John Deere a more durable and longer-lasting tractor cannot be seen. Advancement in the art of making and treating steel has made possible the use of still better material that is stronger and longer-wearing.

An auxiliary inertia air cleaner has been added which removes 60 per cent of the dust and dirt before the air reaches the oil type of air filter. The air gets a double cleaning before it enters the cylinders.

The John Deere Tractor, already famous for its low repair costs and long life, now will give even better and longer service at lower maintenance costs.

Before you buy a tractor, see this improved tractor at your John Deere dealer's. Ask him for a demonstration. Get on the seat—drive it yourself—know what it will do for you on your own farm.



JOHN DEERE FARM TRACTOR



HUNDREDS OF POUNDS *LIGHTER*

with mechanical precision. It is only a very short job to get the John Deere ready for work.

Double Air-Cleaning

Only clean air enters the engine, for the air is twice cleaned. The initial cleaning of the air is accomplished by an auxiliary inertia cleaner connected to and placed just ahead of the oil filter body. This removes about 60% of the dirt before it enters the oil filter cleaner. The final cleaning occurs when the air is drawn through the oil-soaked filter collar of the air cleaner. The removal of grit and dirt adds years of life to the tractor.

Belt Pulley Mounted on Crankshaft

The pulley is a part of the engine. Mounted on the crankshaft, it delivers every available ounce of engine power to the belt. It is on the right side of the tractor in plain view of the operator, running in the right direction for a crossed belt. The belt has plenty of ground and front-axle clearance.

Dry Plate Clutch

The power of the engine is engaged by means of a dry plate clutch, which is handy to the tractor seat. The clutch can be so engaged to pick up the

maximum load gradually and positively. It locks in or out, not only making it safer, but requiring only one man to back the tractor into the belt. The clutch can be readily adjusted, or the facings replaced from the outside.

Power-Saving Transmission

Only two spur-gear reductions are used to transmit power to the double-roller chain final drive. Parallel shafts mounted on ball and roller bearings are held in permanent alignment by the rigid one-piece case.

The spur gears are made from carefully-selected material accurately cut and heat-treated.

The double-roller-chain final drive is another reason for the superior performance of the John Deere Tractor. The large number of teeth working reduce pressure and prevent wear. The chain and drive wheel both pull forward, the slack side of the chain running in oil, not only lubricates itself, but carries oil over the sprockets and lubricates other parts of the transmission; very little power is lost in the final drive.

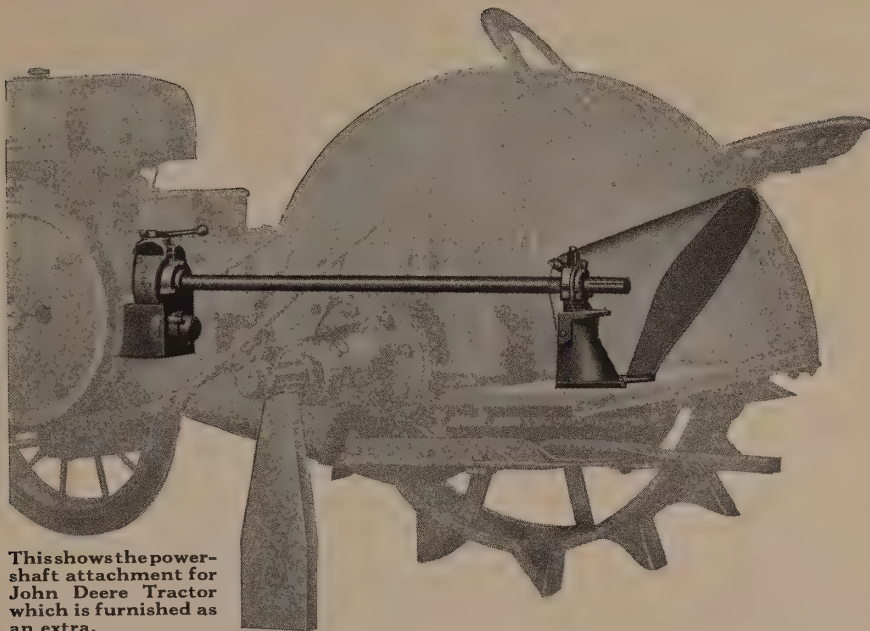
This high-grade roller chain, made of hardened steel, has a breaking strength of 36,000



A part of the John Deere Tractors on the 8000 acre grape and fig plantation of the Pacific Development Co., Romoland, California

HUNDREDS OF PARTS *SIMPLER*

POWER SHAFT—A THIRD SOURCE OF POWER



This shows the power-shaft attachment for John Deere Tractor which is furnished as an extra.

pounds, but in operation, it is given a working load of about 3,000 pounds. Steel for strength—hardened for wear; roller type for efficiency. It will more than last the life of the tractor.

Independent rear axles, three inches in diameter, mounted on tapered roller bearings, adjustable from the outside, deliver the power to the drive wheels. Rear axle quills eccentrically-mounted provide for chain adjustment.

All transmission parts are completely enclosed in a dust-proof case and operate in clean oil.

Roller and Ball Bearings

The purpose of good bearings is to reduce friction. The John Deere is fully equipped with roller and ball bearings. For example, the rear axle and front wheels are mounted on tapered roller bearings. The transmission and belt pulley are equipped with ball and roller bearings. The governor shaft and fan shaft operate on ball bearings. All bearings operate in oil and are fully protected from dust and dirt.

Power-Shaft Attachment Furnished Extra

The power shaft provides a third means of taking power from the tractor. This is particularly advantageous in operating grain binders, corn pickers, etc., in muddy conditions where it is impossible for a bull-wheel to secure traction. It provides the most efficient method of using the power of the tractor to operate machines ordinarily utilizing a traction wheel for their operation.

The power shaft is simple in design, durably built of high-grade material, enclosed and protected from dirt, and can easily be attached to the tractor in the field. At the rear end, the shaft is splined to receive the standard universal joint

provided by the manufacturer of the driven machine.

During field operation, the power shaft turns as soon as the clutch is engaged. It starts when the tractor starts. By putting the gear shift into neutral, the power shaft may be operated with the tractor standing still. For transportation purposes, the power-shaft gears can be easily disengaged.

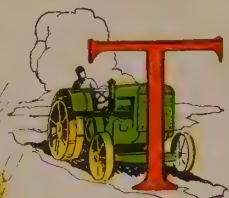
The power shaft is not regularly furnished with the John Deere Tractor.

Special Equipment for the John Deere Tractor

Special equipment to meet field or operating conditions can be furnished for John Deere Tractors as extras, such as spade lugs, angle grousers, extension rims, road lugs, scrapers for rear wheel and extension rims, and special guide bands for front wheels, radiator guard, radiator curtains, air-stack extension, exhaust elbow, exhaust muffler, canvas engine cover, orchard fenders, extension drawbar, California drawbar, power shaft and rubber-tired wheels.

EASY TO KEEP IN *RUNNING ORDER*

READ WHAT THESE USERS SAY



THE following letters are a few taken from the hundreds of testimonials received from John Deere Tractor users. Take the time to read them:

Likes It Fine

Gentlemen: I am well pleased with my John Deere Tractor. I pulled a 26 by 46 Case threshing machine this fall, and it handled it fine, and this fall was one of the toughest threshings we have had for several years, and I pulled a No. 5 Sandwich cylinder corn sheller, and it pulls a John Deere 3-bottom plow just fine. I like it. It is well put up, dust-proof. Every gear and bearings run in oil, and it's easy on oil—about a gallon in ten hours' run. I think it is a neat-looking and well lined-up tractor.

SIMON PETERSON,
Newhall, Iowa.

Meets the Needs of the Orchardist

Dear Sirs: On April 10th of this year I purchased a John Deere Tractor. I have used it 739 actual working hours, as recorded by a time recorder.

It has disked, chiseled, ridged and knifed about 1,600 acres of orchard land. The eight-foot, twenty-inch, double-disk cuts about eight inches deep, and we have had no trouble pulling this with a heavy drag behind it. Since getting the John Deere, we have ridged at one trip, making a fourteen-inch ridge by five feet at the base.

My driver has no trouble in turning with a full load in a twelve-foot head land. All our work is in the orchards, and we have been agreeably surprised at the ease with which the outfit can be driven among the trees. Slippage of the wheels is negligible, even in loosely-cultivated land.

R. W. MILLER,
Walnut and Nursery Orchards,
Linden, California.

Likes Power and Simplicity

Gentlemen: I was influenced to buy my John Deere Tractor because of its simplicity and the fact that it has lots of power. The first one I saw before buying mine was pulling three 14-inch plows 7 inches deep in gumbo at a speed of 168 rods every 8 minutes, so I thought that was the best I ever saw for a 4,000-pound tractor.

My plowing has been hard this fall, being about half sod and about half stubble. On Monday, October 20th, I plowed 8½ acres of oat stubble, 6 inches deep, between 12:30 P. M. and 6 P. M., and used 16 gallons of kerosene. I have used different makes of tractors, but I believe the John Deere is the most practical I have ever used or seen, because it is simple and easy to get at and adjust.

ED. DARMER,
Fremont, Iowa.



ITS ECONOMY HAS BEEN PROVED

EASIER TO UNDERSTAND *AND* OPERATE

Thorough Tests Reveal No Weakness

Dear Sir: In regard to the 15-27 John Deere Tractor I bought of you some time ago, I can say that I have tested the machine fully and am convinced that it is O. K. in every respect.

I really overloaded and over-speeded this tractor purposely to see if it would develop any weakness, but, to date, and after it has done almost all of the disking and levee work on about 200 acres of rice land, it has shown no weakness of any kind, and runs even better than when first started.

The greater power with the light weight, and the excellent lugs furnished for the drive wheels, make it a great tractor for rice, where so much of the work is done in the mud.

Will be pleased to have you refer any prospective purchaser to me for a recommendation of this tractor, as I feel sure that the John Deere Tractor is far ahead of any other tractor for work in the rice fields.

BEN SCHEXNAIDER,
Arnaudville, La.

Note—Since writing the above letter, Mr. Schexnaider has purchased an additional John Deere Tractor.

Light Weight an Important Factor

Gentlemen: I find my new John Deere 15-27 Tractor to be a model farm tractor. Its light weight is quite an item, especially in working down plowed ground. Its enclosed mechanical equipment running in oil is indeed a fine thing, causing less wear and tear, as dirt and dust getting into a tractor causes considerable trouble.

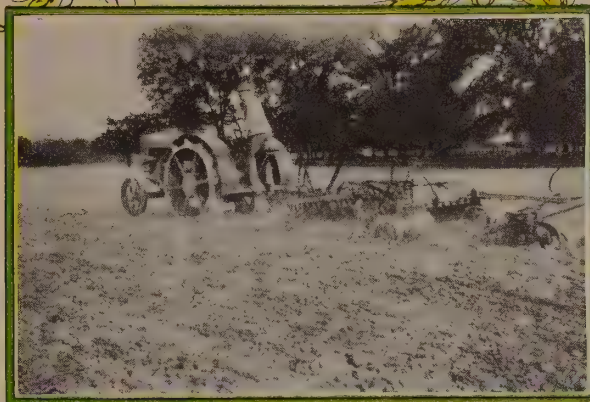
I feel that this tractor is the most complete farm tractor on the market, and I cannot see why, with its complete enclosure, it should not be a long-lived tractor.

C. LEON WEBER,
Greenfield, Ind.

Plenty of Power for Three Plows

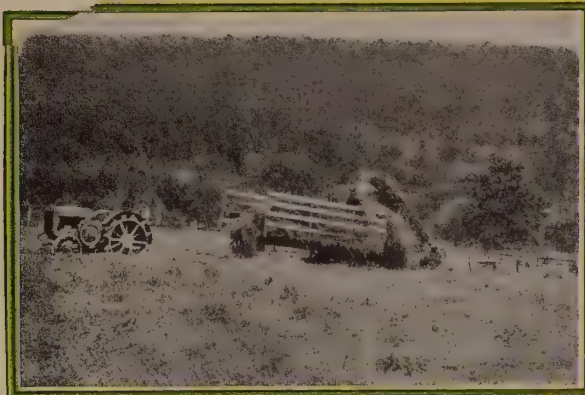
Gentlemen: In April I purchased a John Deere 15-27 Tractor from your dealers in Monmouth (Torley Bros.), and have plowed one hundred acres, disked and harrowed two hundred acres of plowed ground, cut eighty acres of small grain, and threshed seven thousand bushels without trouble of any kind. The tractor is very easily handled, and has plenty of power for three plows anywhere. It is especially pleasing the way the tractor handles a ten-foot tandem disk with two sections of harrow in plowed ground. The tractor operates the separator successfully, being very efficient as to governor control.

WILLIAM ADCOCK,
State Representative, Galesburg, Ill.



MEETS *EVERY* NEED ON THE FARM

REPROBATED SUCCESS ON FARMS



"Likes Simplicity and Ease of Adjustment"

Gentlemen: I have had an opportunity to test out very thoroughly the John Deere Tractor, Model D, both from a drawbar and belt-power standpoint.

It is a marvel, being light in weight and compact. It is very easy to handle, and delivers an abundance of power in the hardest kind of work.

The thing that has always appealed to me in regard to this tractor is the fact that all working parts are completely enclosed in a dust-proof case and run in oil, which is absolutely essential in a good farm tractor.

Its simplicity and ease of adjustment is also a strong factor in favor of this tractor, for an expert from the factory is not needed to adjust its parts.

My ten-year-old boy drove this tractor during haying last year, drawing the wagon, behind which was hitched a hay loader, and behind this a side-delivery rake. Thus, one man and a boy were completing the two operations at one time.

E. B. CLARK,
North Norwich, N. Y.

Averages Better Than an Acre an Hour

Dear Sir: I threshed twenty days this fall with the "John Deere"; did the fall's plowing, and did not spend a cent for repairs.

In plowing, I can average a lot better than an acre an hour with a three-bottom gang, and walk right up any hill on high, plowing deeper than it had been plowed before. The cost of operating for plowing averages about fifty cents per acre, according to the price of kerosene, and it sure is a kerosene engine—there is no waste of fuel, and all working parts working in a bath of oil at all times lessens the job in the mornings getting it ready for the day's work.

I have threshed for over twenty years, running all kinds of tractors and threshers, but never found anything to compare with the John Deere and John Goodison for saving and cleaning grain.

W. E. LEWIS,
Ross, N. D., R. F. D. No. 2.

Low Plowing Costs in Nebraska Gumbo

Gentlemen: The following record was made by writer with John Deere Model D Tractor and 3-bottom No. 5 12-inch plow in heavy gumbo-breaking, north of Whitney, Nebraska:

I started breaking on March 18, 1925, and on May 14, 1925, I finished 398 acres of this, breaking $3\frac{1}{2}$ to 4 inches deep, using $2\frac{8}{10}$ gallons of kerosene per acre and using only 19 gallons and 1 quart of oil on entire 398 acres. During this time we were delayed for only 15 minutes on one occasion, the choker causing this by being stuck, and we could not locate the trouble. Tractor now, after thorough inspection, is good as new.

Thought this would be of interest to you, and particularly to prospective purchasers.

ED. FLYNN,
Crawford, Nebraska.

SEE THE JOHN DEERE AT WORK

GO TO YOUR JOHN DEERE DEALER

"Meets All Requirements"

Gentlemen: I purchased a John Deere Tractor of Ernest Blakely, our Corydon implement dealer, this spring and have plowed and disked over a hundred acres, mostly blue-grass sod, using three fourteen-inch plows and a tandem disk. I plowed eight to nine inches deep, and the engine at all times developed plenty of power, and more, to handle this load. Having never owned or operated a tractor before, I find that this tractor meets all requirements and will do all they claim for it, and more. I am well pleased with my John Deere Tractor in every way.

(Signed) WALLACE R. SCOTT,
Route 3, Box 39, Corydon, Iowa.

"The Best I Have Ever Seen"

Gentlemen: We bought a John Deere Tractor last May and plowed 240 acres with it in Colorado, in 12½ days, which was about half sod, and plowed from 5 to 6 inches deep. The fuel and oil amounted to about 25 cents per acre, and we didn't spend a cent for repairs. We also harvested 200 acres of wheat, disked 80 acres, and sowed 400 acres.

Enclosed you will find a picture of myself and tractor with a ten-foot drill. All we did to the tractor during all that time was to tighten the clutch.

I hope you will continue making this machine, since I think it as near being perfect as any tractor on the market. I have used two different makes of tractors before this one, but I consider the John Deere the best of any I have ever seen.

C. G. GALL,
Eustis, Nebraska, Route 3.

"More Than You Claim For It"

Gentlemen: I have used one of your Model D Tractors since September, 1924, at which time I purchased it new, and since that time I have plowed over 150 acres, part of it being heavy slough bottom, and it handled all of my plowing with three bottoms attached. I also pulled a 24-36 Aultman Taylor thresher, and found your tractor more than able to handle the machine, both at work and on the road, the machine weighing 7,200 pounds. Your tractor pulled my machine up what is known here as Mt. Sinai Hill, being about 20 per cent grade, with ease on high gear. I also disked 120 acres of spring-plowing, some of which is quite rolling, with a ten-foot tandem disk, averaging around 27 acres a day, running on high gear all the time and with practically no slippage.

Knowing of the efficiency and long-wearing qualities of a tractor having a two-cylinder low-speed motor, I held back in buying a tractor until I saw your Model D demonstrated at the Decatur County Fair last fall, when I was fully satisfied that it was a practical machine. After having used it as much as I have without any repairs or trouble of any kind, I feel free to say I believe your tractor to be all, and even more, than you claim it to be.

My brother, W. G. Barbour, of Beaconsfield, Iowa, knowing what my tractor had done for me, purchased a Model D also.

BARBOUR BROTHERS,
By John Barbour,
Garden Grove, Iowa.



ASK FOR A DEMONSTRATION

JOHN DEERE TRACTOR SPECIFICATIONS

Rating—15-H. P. drawbar, 27-H. P. belt. (See page 9 of this leaflet concerning power.)

Speed—High, $3\frac{1}{4}$; Low, $2\frac{1}{2}$; rev., 2 M. P. H.

Motor— $6\frac{1}{2}$ bore, 7" stroke, 800 R. P. M.

Crankshaft—3" diameter drop-forged long bearings.

Connecting Rod—Drop-forged, four-bolt type.

Lubrication—Force-feed, geared pump.

Carburetor— $1\frac{1}{2}$ ", with air choker.

Air Cleaner—Oil-filter type with inertia auxiliary air stack.

Ignition—High-tension magneto, impulse starter.

Cooling—Tubular radiator, Thermosiphon.

Air Fan—Gear-driven, no belts.

Governor—Enclosed, fly-ball type.

Clutch—12" dry disks, locking in and out.

Belt Pulley—15" dia. x $7\frac{1}{2}$ " face, 800 R. P. M.

Belt Speed—3,200 feet per minute.

Transmission—Spur gear, selective type.

Gears—Cut tooth and heat-treated.

Final Drive—Enclosed double-roller chain.

Drive Axle—3" dia. high-carbon steel, heat-treated.

Drive Wheels—46" x 12", forged-steel rims.

Front Wheels—28" x 5", dust-proof.

Bearings—

Main—Removable, bronze back, babbitt-lined.

Conn. Rod—Removable, bronze back, babbitt-lined.

Front and Rear Wheels—Taper roller (8).

Transmission and Belt Pulley—Roller (3). Ball (2).

Fan and Governor Shaft—Ball (4).

Fuel—

Kerosene—Tank capacity, 18 gallons.

Gasoline—Tank capacity, $2\frac{1}{2}$ gallons.

Water Capacity—13 gallons.

Length without Fenders and Platform—102".

Length with Fenders and Platform—109".

Width—63".

Height—56".

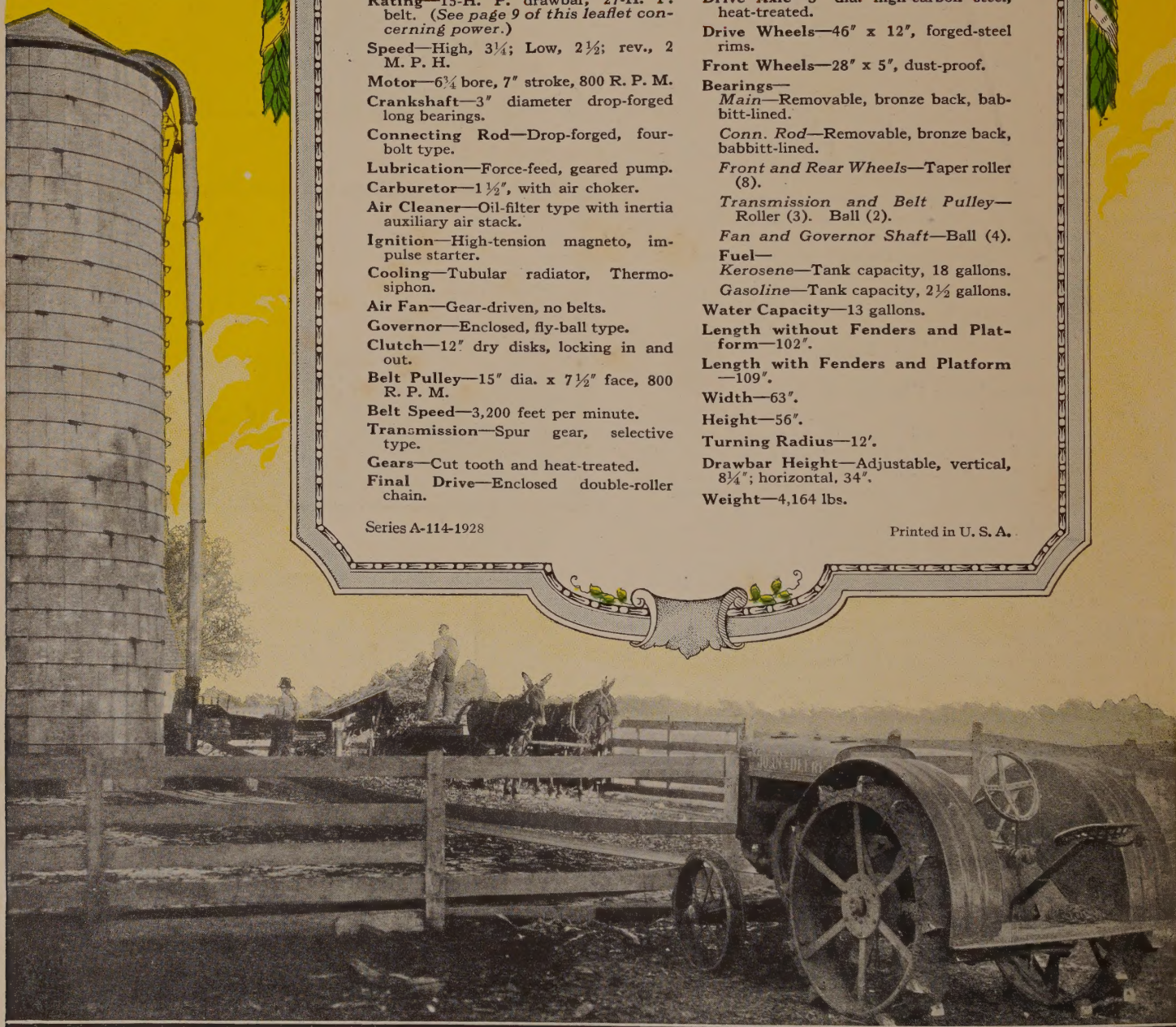
Turning Radius—12'.

Drawbar Height—Adjustable, vertical, $8\frac{1}{4}$ "; horizontal, 34".

Weight—4,164 lbs.

Series A-114-1928

Printed in U. S. A.



JOHN DEERE FARM TRACTOR

BURNS LOW GRADE FUEL

***MORE POWER - LONGER LIFE
LOWER OPERATING COSTS***



***More than a Success
A Real Sensation***